



9210A MI-TYPE STANDARD



Featuring

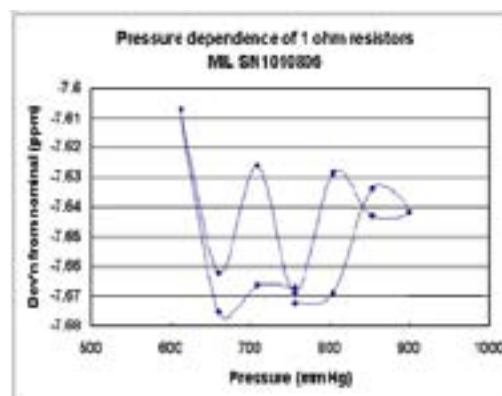
- ▶ 1Ω Resistor with Carrying Case
- ▶ Replacement for Thomas 1Ω
- ▶ Temperature Coefficient $<0.05 \times 10^{-6}/^{\circ}\text{C}$
- ▶ Long Term Drift $<0.2 \times 10^{-6}/\text{Year}$
- ▶ No Pressure Coefficient
- ▶ Maximum Dissipation 100 mW
- ▶ Highest Performance Dissipation 10 mW

Overview

The Model 9210A MI-Type Standard has been developed through years of research by the National Research Council of Canada (NRC) and Measurements International and is now offered as an improved resistor design to replace the L&N Thomas-Type One-Ohm Standard as well as other values. These improvements

have been achieved through a new annealing process of the element and changes in the structural mounting. Historical data is now proving the Model 9210A to be the most stable oil filled resistor commercially available.

Feature	Benefit
Unmatched Stability	Provides Confidence in Uncertainty Calculation
Low-Temperature Coefficient	Lower Uncertainties
Industry-Leading Warranty	3 Years





Measurements International

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Specifications: Rev 5

Model	Nomial Value (Ω)	Tolerance (±ppm)	First Year Drift (ppm)	Stability 12 Month (ppm)	Max Current (A)	TC at 25°C ±1°C (ppm/°C)	Maximum Voltage
9210A/0.1	0.1	<10	1	0.2	1	0.05	0.1
9210A/1	1	<10	1	0.2	0.1	0.05	0.1

Dimensions (L × W × H):
90 Dia x 165 H (mm)

Weight:
2 kg

Shipping Weight:
5 kg

Mains Power:
N/A

Corporate Headquarters
Measurements International
PO Box 2359, 118 Commerce Drive
Prescott, Ontario, Canada K0E 1T0
Phone: 613-925-5934
Fax: 613-925-1195
Email: sales@mintl.com
Toll Free: 1-800-324-4988

Worldwide Offices
MI-USA
Phone: 407-706-0328
Email: sales@mintl.com

MI-China
Phone: +(86) 10-64459890
Email: sales@mintl.com

MI-Europe
Phone: +(420) 731-440-663
Email: sales@mintl.com

MI-Japan
Phone: +(81) 72 39 64 660
Email: kaz@mijpn.com

MI-India
Phone: +(91) 98 10 134 932
Email: sales@MILLP.co.in

